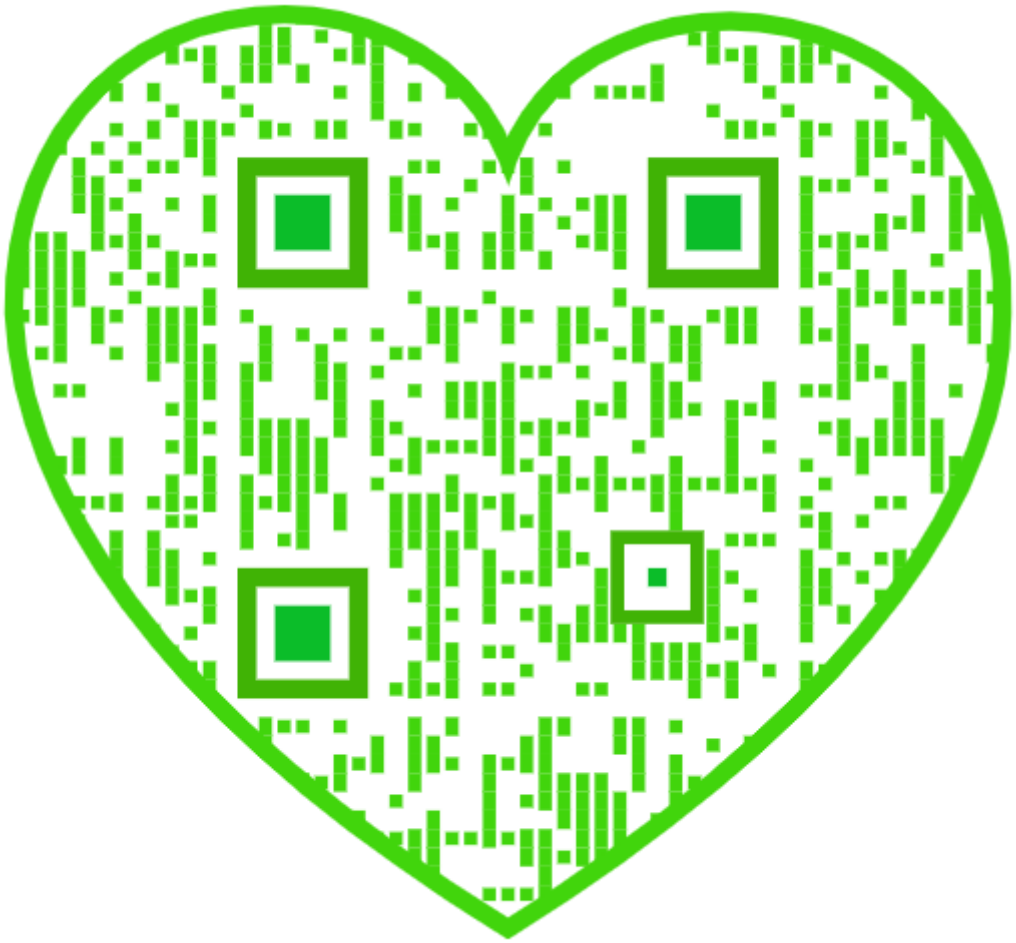
J. H. CONNOR & SON
LIMITED

OTTAWA, ONT.

1912

WASHING MACHINES
AND
CLOTHES WRINGERS



C. A. CONNOR, *President*
J. L. CONNOR, *Vice-President*
W. M. CONNOR, *Sec'y-Treas.*

FOUNDED 1881
INCORPORATED 1901

J. H. CONNOR & SON

LIMITED

. . . . *Manufacturers of* . . . .

WASHING MACHINES, LIFE BUOY BRAND CLOTHES WRINGERS, TUB STANDS, IRONING BOARDS, ETC. . . . . .

FOREWORD

ITH this, our latest catalogue, we wish to draw the attention of the trade to the many new designs and new features we we have added to our line of Washing Machines, and Clothes Wringers, which render them of the highest class.

Our goods are manufactured from the best raw materials, specially chosen, and suitable for the manufacture of washing machines and clothes wringers.

Special automatic machinery and skilled workers enable us to turn out a product uniformly up to our high standard.

Our experience in these lines dates back to 1881, a period of more than 30 years, and in presenting these goods to the trade, we are able to offer a line which has a large variety of designs suitable for all trade requirements.

We solicit correspondence, which will have our prompt and personal attention.

J. H. CONNOR & SON, Ltd.,
Ottawa, Ontario.

May, 1912.

All machines, with the exception of the Connor Ball Bearing Washer, are supplied with the No. 2 tub unless No. 3 is specified.

Our Stave Leg has the stave of the tub running down and forming the leg. These legs are cross braced underneath and also bound with ¼ in. steel rods.

This style of tub is the most permanent and solid of any on the market and is away ahead of the leg socket style no matter how clever the attachments may be.

Our covers are double thickness, the grain of the bottom part running crosswise to the top and securely screwed together with galvanized screws, thus ensuring a perfect cover that will not warp.

The No. 3 tub is same as No. 2, but with detachable hardwood legs, which are bolted inside the bottom of tub and securely braced and bound together by ¼ in. steel rods.

These tubs are specially adapted for export shipments and where storage requirements demand economy of space. They crate up into very small space, as per cut on next page.

Size of Tubs are 12 in. x 20 in. x 23 in.

J·H·CONNOR & SON LIMITED

Machine Crated

Our tubs are made from Louisiana Red Cypress lumber. Many of the great works of ancient builders that withstood the test of time for ages are known to have been made of Cypress. The historic gates of Constantinople were made of Cypress and were on duty for eleven centuries. The Cypress doors of ancient St. Peters in Rome were in a perfect state of preservation after twelve centuries constant use.

In our experience of over thirty years in washing machine manufacturing, we have learned the strength and limitations of various woods, and have found that Cypress is the best possible material for washing machine construction.

Our tubs are varnished over the natural wood, showing the beautiful texture and figure of the wood, and ensuring you that only selected materials are used.

J·H·CONNOR & SON LIMITED

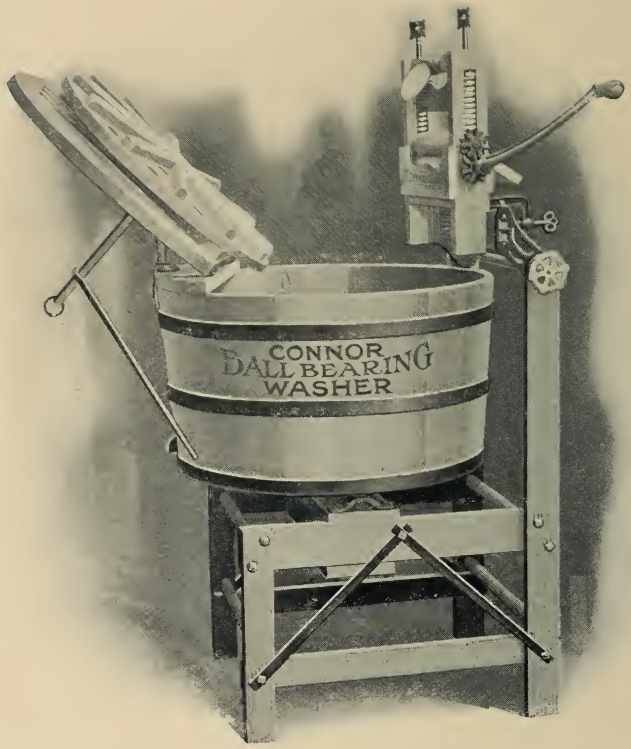
Connor Ball Bearing Washer

Ease and convenience of operation, combined with quick and thorough cleansing of the clothes, makes this machine the most desirable washer on the market.

Runs on Ball Bearings in connection with oil tempered coil spring, making the swing of tub from side to side practically automatic.

The cover fits down tight on top of tub and prevents water from splashing out of tub.

Weight, crated, 75 lbs.

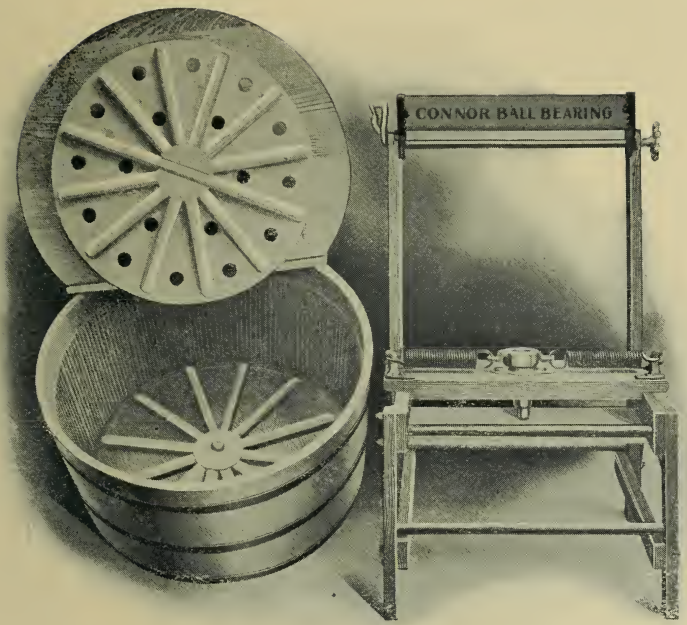


Connor Ball Bearing Washer Open

The slusher being attached to the cover allows the water and suds to drain back again into the tub. This overcomes the inconvenience and annoyance of having to entirely remove from the tub the dripping wet slusher and cover.

The wringer is attached to our improved stand and is thrown forward out of the way when raising the cover.

For wringing, the wringer is put back into its upright position over the tub and securely locked. The device which controls the adjustment of the wringer is a wheel screw which is operated on the same side that you operate the wringer.



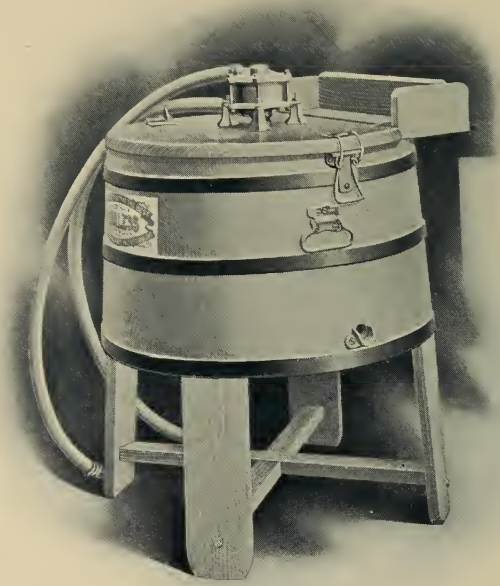
Connor Ball Bearing Washer

showing inside of Tub

No post or obstruction on inside of tub to take up the room of the clothes and on which the clothes will wear and tear, but a large tub that will wash large articles with perfect ease and satisfaction.

This simple and strong construction means that no repairs are necessary and that your washing machine is never out of commission, but always ready for use.

J·H·CONNOR & SON LIMITED



Gearless Motor Washer

Works perfectly on twenty pounds pressure.

EXCLUSIVE FEATURES:—Gearless, no danger, no noise. Self-oiling, no care, no stains. Self-draining, no drain plugs, non-freezing. Single shaft, direct action, no lost power. All Brass Motor, no wear, no rust, no sticking. Few Frictional Parts, greater power, higher speed, minimum repairs.

Weight, crated, 60 lbs.

Cylinder Motor

This water motor has proven its claim as the best machine of the cylinder type, by its years of satisfactory work.

All brass parts, nothing to rust. Extra large body, which gives greater strength and stronger stroke.

Special valves perfected after long years of investigation and research.

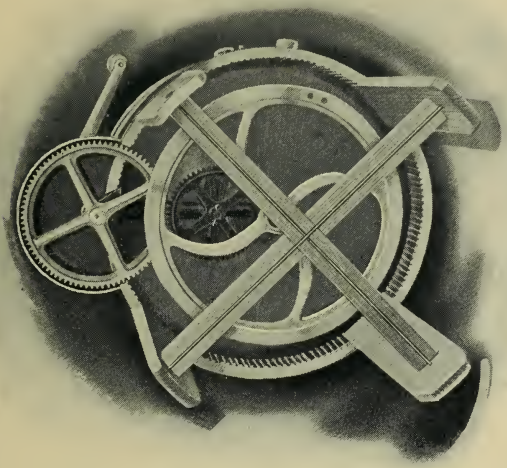
Weight, crated, 60 lbs.

I. X. L.

For smooth and easy working this machine is unsurpassed.

The flywheel is underneath the tub, leaving the minimum amount of machinery on the cover.

To operate this machine you simply turn the handle which is connected with two geared cog wheels associated with the fly-wheel.



I. X. L.

This fly-wheel has a heavy rim, accurately balanced, and while running gives it great momentum and does the hard work, instead of the operator.

The fly-wheel runs on ball bearings and runs true and smooth.

No jar or vibration as this is all taken up by the heavy fly-wheel.

Weight crated, 90 lbs.

High Speed

Patented February 23rd, 1909.

The fly-wheel which gives this machine the power and speed is located directly under the bottom of the tub and runs on double ball bearings at a very high speed.

The lever handle is adjustable so that the operator can either sit or stand when using the machine.

This machine has foot power attachment.

All cog gearing is protected, eliminating all possibility of accidents.

The tub can be opened while the machine is running at full speed.

Shipping weight 90 lbs.

Gem Washer

For smooth running, easy working and rapid action, this machine has no superior.

Can be operated either standing or seated, by placing the handle in the upright or horizontal socket.

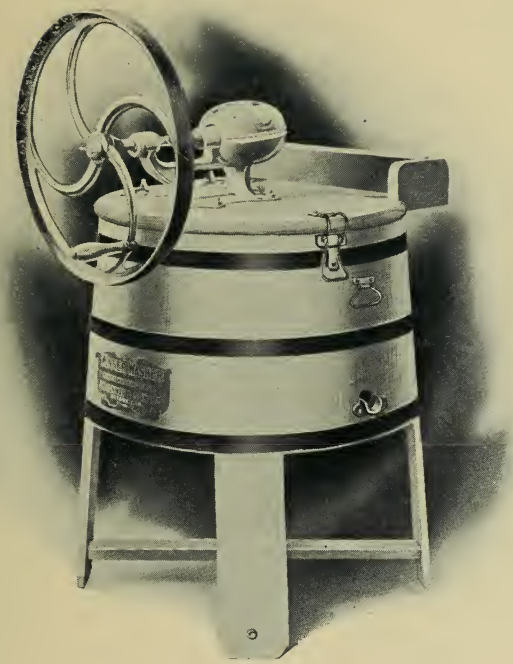
Easy running fly-wheel accurately balanced.

Weight, crated, 90 lbs.

Gem Washer

One stroke of the lever makes a full three-quarter revolutions of the dasher and back, at the same time the fly-wheel spins around seven times.

This gives sufficient momentum to operate the dasher three times without further effort, and relieves the operator of constant exertion.



Winner No. 2 C.C.

Operates to raise and lower the slusher at each reverse motion of the slusher.

Main shaft runs on roller bearings. These roller bearings carry all the weight and make this machine the easiest running Rotary washer made.

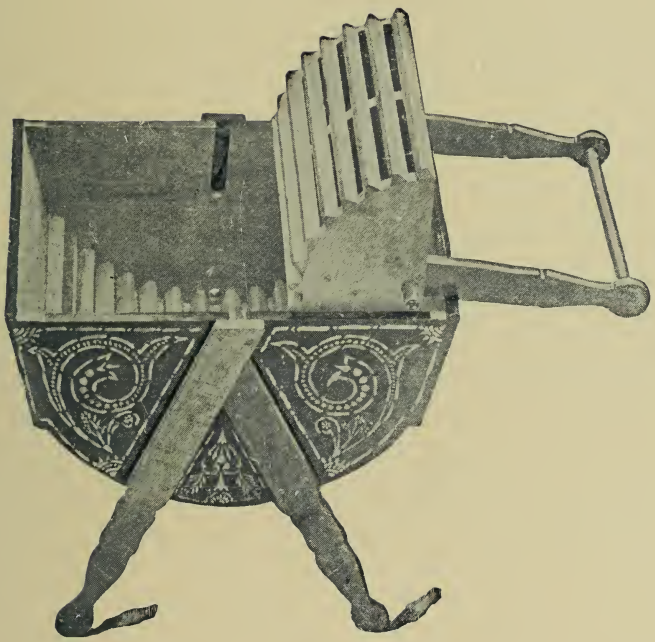
Heavy fly-wheel to give required momentum and relieves the operator of the hard work.

Ottawa Washer

Most popular lever washer on the market.

Not made in an inferior grade.

Weight, crated, 50 lbs.



Connor Improved

The largest and best open washer on the market. First made in 1881 and a favorite ever since.

Popularly known by its thousands of satisfied users as the "Old Connor Washer."

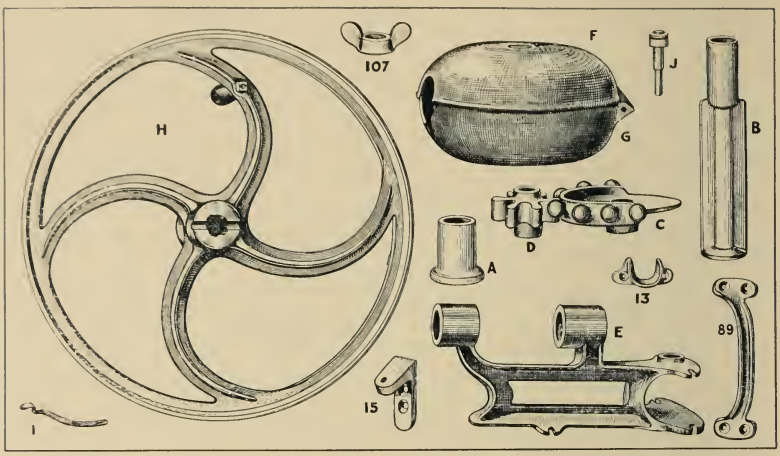
Washes anything and everything from large double blankets to small articles perfectly.

Light and easy to handle.

Inside measurement 15½x21x26½.

Two in a crate, 100 lbs.

J·H·CONNOR & SON LIMITED



Repair List Winner Washer

No.	Name.	Price.
A	Ferrule for Post Sleeve	$0.10
B	Post Sleeve	0.25
C	Ball Cog	0.25
D	Pinion Wheel	0.20
E	Main Frame	0.50
F	Top Half Cog Cover	0.20
G	Bottom Half Cog Cover	0.20
H	Large Fly Wheel	1.00
I	Latch for Cog Cover	0.05
J	Shaft with Roller	0.15
13	Spout	0.05
15	Rack Hinge	0.05
89	Handle	0.05
107	Fly Nut	0.05

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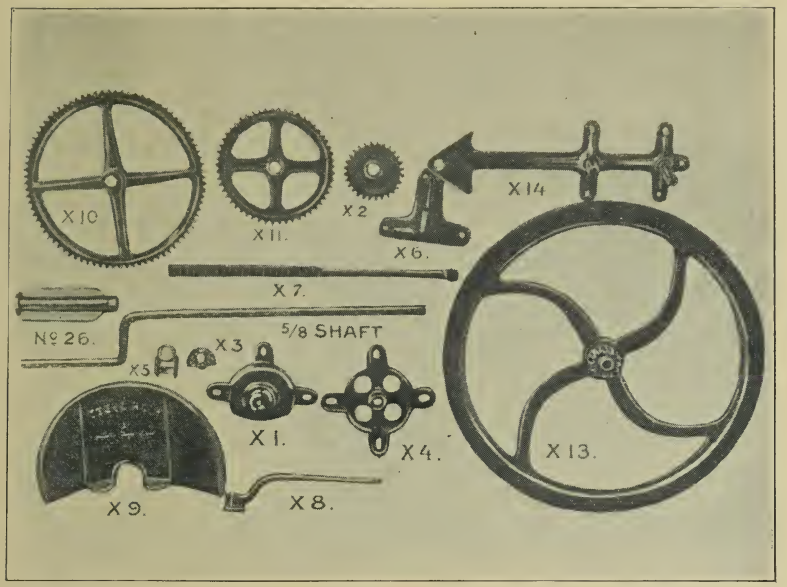

Repair List I.X.L. Washer

X2	Cog Wheel on Cover	0.10
X3	Tube	0.05
X4	Cover Bed Casting	0.10
X5	Ratchet Connecting Link	0.05
X6	Driving Shaft Socket	0.15
X7	Ratchet	0.20
X8	Handle	0.10
X9	Bottom Cog Cover	0.25
X10	Large Cog Wheel	0.20
X11	Small Cog Wheel	0.15
X13	Large Fly Wheel	1.50
X14	Bottom Frame	0.75
No. 26	Slusher Pot	0.25
5/8	Driving Shaft	0.35
Ball Bearing		0.10
Handle Grip, with bolt		0.10

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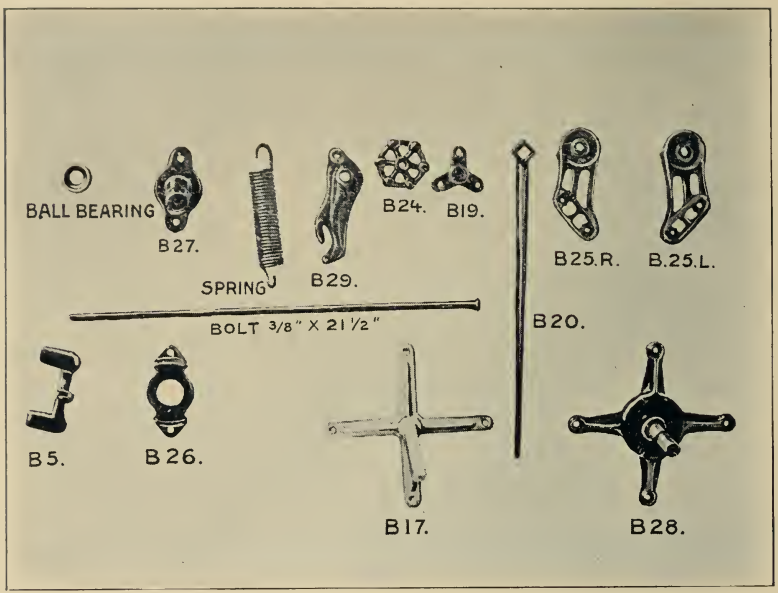

Repair List Connor Ball Bearing Washer

B5	End Spring Holder	$0.05
B17	Rubber Board Casting and Rod	0.35
B19	Centre Lid Casting	0.05
B20	Top Lever Casting	0.15
B24	Adjusting Screw for Wringer Board	0.15
B25	R. Wringer Board Holder	0.15
B25	L. Wringer Board Holder	0.15
B26	Centre Spring Holder	0.10
B27	Bed Casting	0.20
B28	Bottom Casting and Shaft	0.35
B29	Lever Holder	0.15
	Ball Bearing	0.10
	Spring	0.10
	Bolt, ⅜ x 21½	0.10

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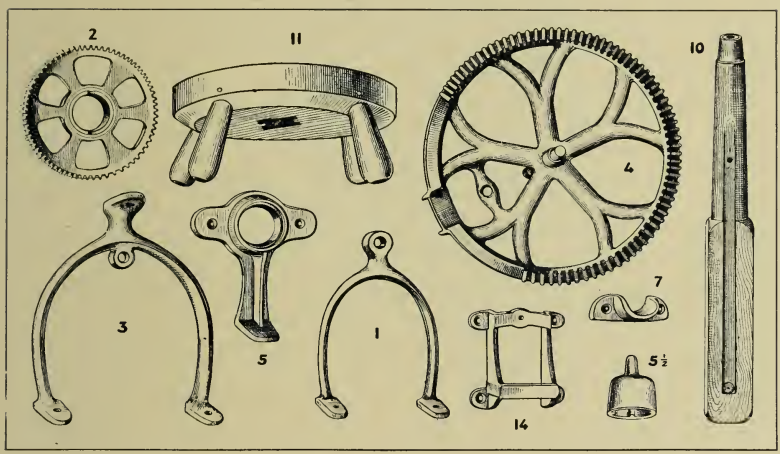


Repair List Ottawa Washer

No.	Name.	Price.
1	Low Arch	$0.20
2	Small Cog	0.20
3	High Arch	0.25
4	Large Cog	0.25
5	Plate	0.10
5½	Cap for No. 10	0.05
7	Spout	0.05
10	Upright or Post	0.20
11	Dolly or Pin Wheel	0.30

Life Buoy Brand

Means guaranteed quality in Clothes Wringers.

The all important part of the wringer is the rubber roll. Wringers which have hard rolls are practically of no value as wringing devices.

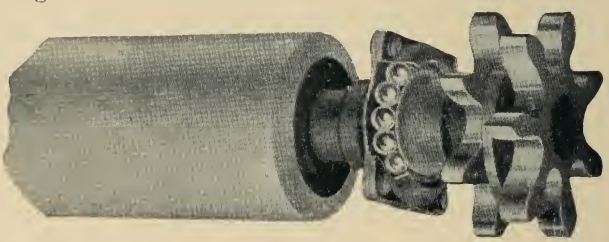
To wring dry the rolls must be pliable and elastic, so that the thick and thin parts will be dried evenly.

Our Life Buoy brand guaranteed Wringers are the best value on the market. The rolls contain the very best of rubber stock.

When it comes to buying wringers the best is the cheapest and the Life Buoy Brand Wringers are the best.

Roll and Ball Bearing

For easy wringing use Connor Ball Bearing Wringers, representing the highest quality of anti-friction bearing.

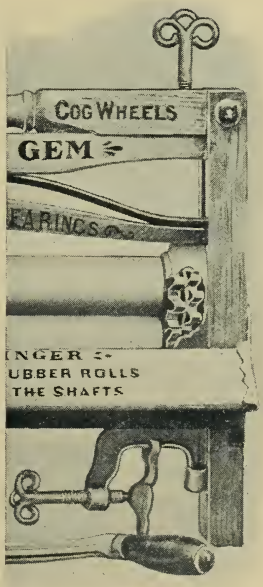


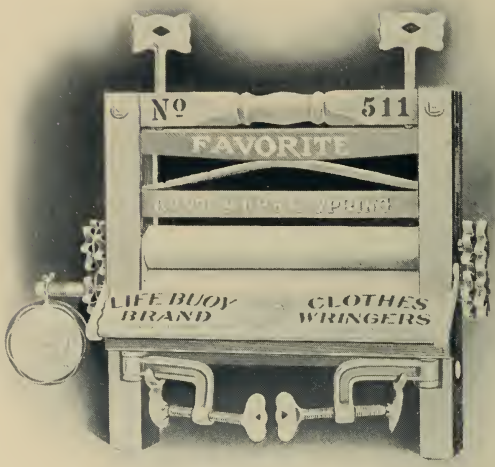
This shows front view of our Favorite Wringer the reverse side is shown on the following pages.

In order to classify the large number of wringers which we manufacture and to lessen the possibility of errors in filling orders, we suggest that the number designating the style and quality of wringer be given.

These Wringers are packed 3 in a box, and weigh 65 lbs. to the box. As far as possible please order in above quantities

This sectional view shows a wringer as constructed when the cog wheels are enclosed on the inside of the frame.





Favorite 511

Regular Bearings. Elliptic Steel Springs.
Exposed Cogs.

Favorite

Guaranteed 5 years. Highest quality rolls.

No. 510.....Size of rolls 10 x 1¾
No. 511.....Size of rolls 11 x 1¾
No. 512.....Size of rolls 12 x 1¾
No. 562.....Size of rolls 12 x 2

Challenge

Guaranteed 3 years. Same style as above.

No. 310.....Size of rolls 10 x 1¾
No. 311.....Size of rolls 11 x 1¾
No. 312.....Size of rolls 12 x 1¾
No. 362.....Size of rolls 12 x 2

Sunlight

Guaranteed one year. Same style as above.

No. 110.....Size of rolls 10 x 1¾
No. 111.....Size of rolls 11 x 1¾
No. 112.....Size of rolls 12 x 1¾

Favorite 521

Regular Bearings. Spiral Steel Springs.
Exposed Cogs.

Favorite

Guaranteed 5 years. Highest quality rolls.
No. 521..... Size of rolls 11 x 1¾

Challenge

Guaranteed 3 years. Same style as above.
No. 321.....Size of rolls 11 x 1¾

Sunlight

Guaranteed 1 year. Same style as above.
No. 121.....Size of rolls 11 x 1¾

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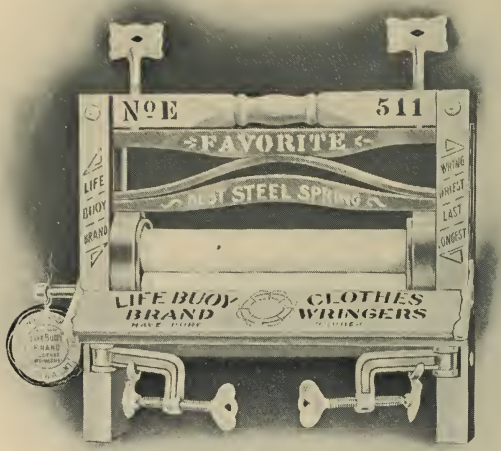


Favorite E 511

Regular Bearings. Elliptic Steel Springs.
Enclosed Cogs.

Favorite

Guaranteed 5 years. Highest quality rolls.

No. 510 E.....Size of rolls 10 x 1¾
No. 511 E.....Size of rolls 11 x 1¾

Challenge

Guaranteed 3 years. Same style as above.

No. 310 E.....Size of rolls 10 x 1¾
No. 311 E.....Size of rolls 11 x 1¾

Sunlight

Guaranteed 1 year. Same style as above.

No. 110 E.....Size of rolls 10 x 1¾
No. 111 E.....Size of rolls 11 x 1¾

Favorite 521 E

Regular Bearings. Spiral Steel Springs.
Enclosed Cogs.

Favorite

Guaranteed 5 years. Highest quality rolls.

No. 520 E.....Size of rolls 10 x 1¾
No. 521 E.....Size of rolls 11 x 1¾

Challenge

Guaranteed 3 years. Same style as above.

No. 320 E.....Size of rolls 10 x 1¾
No. 321 E.....Size of rolls 11 x 1¾

Sunlight

Guaranteed 1 year. Same style as above.

No. 120 E.....Size of rolls 10 x 1¾
No. 121 E.....Size of rolls 11 x 1¾

Favorite 551

Regular Bearings. Elliptic Steel Springs.
Quick Clamp Fastener.

Favorite

Guaranteed 5 years. Highest quality rolls.
No. 551.....Size of rolls 11 x 1¾

Challenge

Guaranteed 3 years. Same style as above.
No. 351.....Size of rolls 11 x 1¾

Royal Canadian

Guaranteed 1 year. Same style as above.
No. 151 .....Size of rolls 11 x 1¾

Favorite 561

Regular Bearings. Spiral Steel Spring.
Quick Clamp Fastener.

Favorite

Guaranteed 5 years. Highest quality rolls.
No. 561.....Size of rolls 11 x 1¾

Challenge

Guaranteed 3 years. Same style as above.
No. 361.....Size of rolls 11 x 1¾

Royal Canadian

Guaranteed 1 year. Same style as above.
No. 161.....Size of rolls 11 x 1¾

Domestic 531

Ball Bearings. Elliptic Steel Springs.
Exposed Cogs.

Domestic

Guaranteed 5 years. Highest quality rolls.

No. 530.....Size of rolls 10 x 1¾
No. 531.....Size of rolls 11 x 1¾
No. 532.....Size of rolls 12 x 1¾

Ottawa

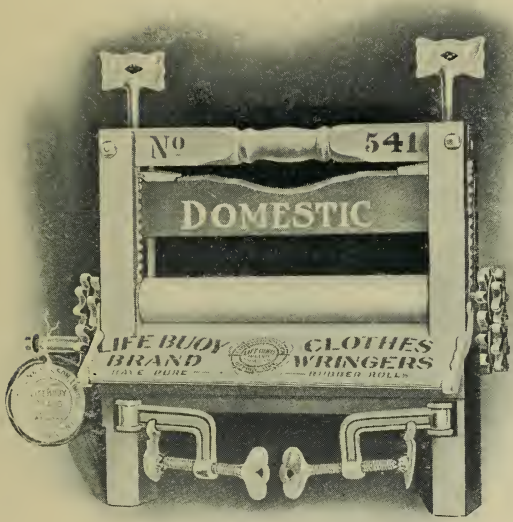
Guaranteed 3 years. Same style as above.

No. 330.....Size of rolls 10 x 1¾
No. 331.....Size of rolls 11 x 1¾
No. 332.....Size of rolls 12 x 1¾

Gem

Guaranteed 1 year. Same style as above.

No. 130.....Size of rolls 10 x 1¾
No. 131.....Size of rolls 11 x 1¾
No. 132.....Size of rolls 12 x 1¾



Domestic 541

Ball Bearings. Spiral Steel Springs.
Exposed Cogs.

Domestic

Guaranteed 5 years. Highest quality rolls.
No. 541.....Size of rolls 11 x 1¾

Ottawa

Guaranteed 3 years. Same style as above.
No. 341.....Size of rolls 11 x 1¾

Gem

Guaranteed 1 year. Same style as above.
No. 141.....Size of rolls 11 x 1¾

Domestic 531 E

Ball Bearings. Elliptic Steel Springs.
Enclosed Cogs.

Domestic

Guaranteed 5 years. Highest quality rolls.
No. 530 E.....Size of rolls 10 x 1¾
No. 531 E.....Size of rolls 11 x 1¾

Ottawa

Guaranteed 3 years. Same style as above.
No. 330 E.....Size of rolls 10 x 1¾
No. 331 E.....Size of rolls 11 x 1¾

Gem

Guaranteed 1 year. Same style as above.
No. 130 E.....Size of rolls 10 x 1¾
No. 131 E.....Size of rolls 11 x 1¾

Domestic 541 E

Ball Bearings. Spiral Steel Springs.
Enclosed Cogs.

Domestic

Guaranteed 5 years. Highest quality rolls.

No. 540 E.....Size of rolls 10 x 1¾
No. 541 E.....Size of rolls 11 x 1¾

Ottawa

Guaranteed 3 years. Same style as above.

No. 340 E.....Size of rolls 10 x 1¾
No. 341 E.....Size of rolls 11 x 1¾

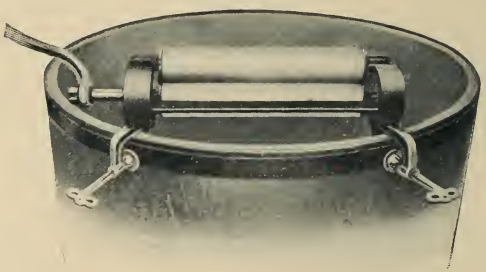
Gem

Guaranteed 1 year. Same style as above.

No. 140 E.....Size of rolls 10 x 1¾
No. 141 E.....Size of rolls 11 x 1¾

Laundry

Regular Bearings. Guaranteed 3 years.
Specially adapted for heavy laundry work.
Reversible drip board.
Made in one size only. Packed one in a box.
Rolls 12 x 2¼. Weight 40 lbs.



Eureka

Regular Bearings. Made in three sizes.
Packed six in a box.

Rolls.....10 x 1¾ Weight.....78 lbs.
Rolls.....11 x 1¾ Weight.....81 lbs.
Rolls.....12 x 1¾ Weight.....84 lbs.

J·H·CONNOR & SON LIMITED

How to Order Wringer Parts

A little attention to the following will save time and annoyance.

Always state the name and size of the wringer for which the part is required.

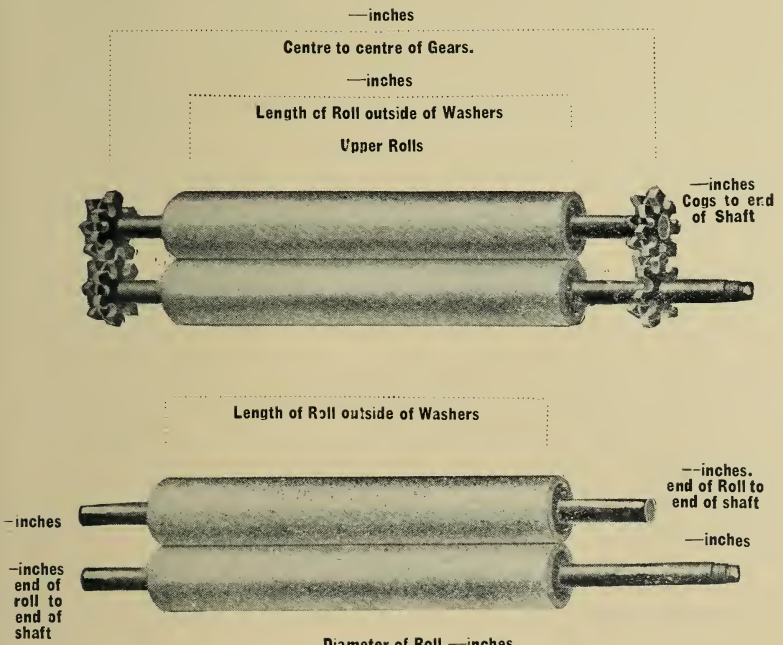
If a free repair always give the number of the guarantee tag.

When you do not know the name of the part always describe it to the best of your ability and if possible lay the old part on paper and draft around it.

There is a right and a left side to every wringer. The side next to the crank is the right side and the other side the left.

When uprights or clamps are required always state whether for right or left side.

When ordering rolls observe the following diagram and instructions:



Be sure and state whether upper or lower Rolls.

J·H·CONNOR & SON LIMITED

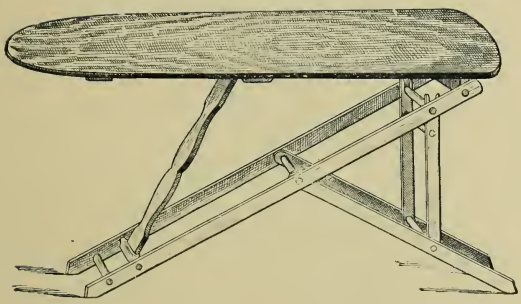
THE BEST TUB STAND MADE.

The Matchless Tub and Wringer Stand

Is entirely different from any other stand made. Has four supports instead of two. Wide enough to hold the largest tub between the supports and cannot tip.

Made to fold up when not in use.

The strongest, steadiest, widest and most convenient Tub Stand on the market today.



The "Onliwon" Ironing Board

The most satisfactory Ironing Board ever put upon the Canadian market.

The top of this board is made of selected basswood and measures five feet long by sixteen inches wide—much larger than the ordinary board, which is usually too small to do satisfactory work.

The stand is made of the best of hardwood. The rungs being turned with a shoulder where they enter the side pieces ensure a steady board.

This board throughout is of a much superior design and construction to the ordinary every-day article offered for sale. Guaranteed to give complete satisfaction.

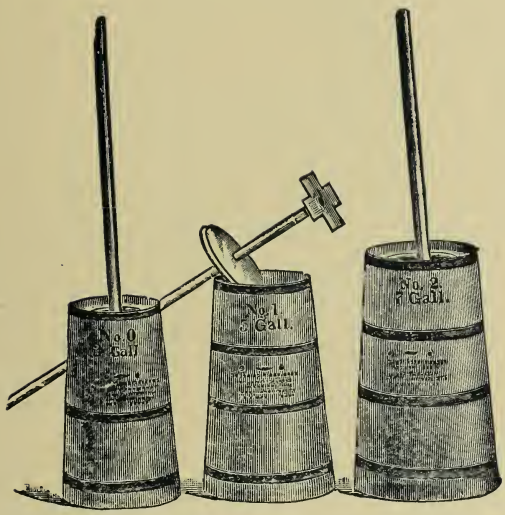
It is guaranteed to be absolutely solid when in use and when not in use folds up into very small dimensions, making it convenient to put away.

The Daisy Churn

Patented Foot and Lever Drive. Patented Steel ball bearings. Improved bolted trunnions. Detachable link and steel frame. Superior workmanship and finish. Made of selected oak. If you want the best, you will insist on the Daisy Churn.

LIST.

No.	Holds	Churns	Price	Weight
0	6 gals.	½ to 3 gals.	$ 9.00	47 lbs.
1	10 gals.	1 to 5 gals.	9.00	53 lbs.
2	15 gals.	2 to 7 gals.	10.00	58 lbs.
3	20 gals.	3 to 9 gals.	11.00	69 lbs.
4	26 gals.	4 to 12 gals.	13.00	82 lbs.
5	30 gals.	6 to 14 gals.	16.00	87 lbs.



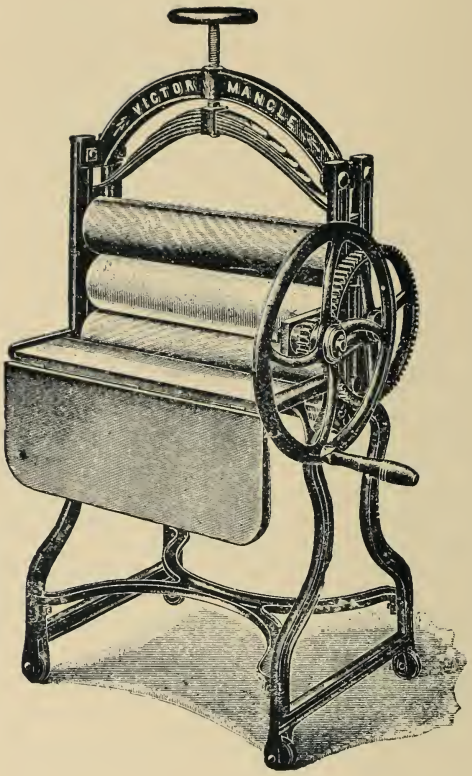
Dash Churns

Have given satisfaction wherever used.

Easy to operate and keep clean. Churns quickly and gets all the butter.

Made of clear selected White Ash. Have double acting dasher and sunken cover.

Size	Capacity	Price per doz.
No. 0	3 gals.	$11.00
No. 1	5 gals.	12.00
No. 2	7 gals.	13.00
No. 3	10 gals.	14.00
No. 4	12 gals.	15.50



The Victor Mangle

The best 3-Roller Mangle on the market.

Rollers made of selected hard maple and measure 24 in. by 5 in.

Equipped with folding hardwood Table.

Best tempered cast steel spring.

Artistically decorated in good colors.

Weight crated 200 lbs.

Crown Litho. Co. Limited